

ECCOFLEX® PT7000

Flexible syntactic tape for subsea equipment insulation

Typical Properties			
Width		mm	50.0 ± 0.2
Thickness		mm	5.5 ± 0.3
Density		g/cc	0.735 ± 0.055
Hydrostatic service depth (nom.)		feet	7000
Compressive Strength @ ec =5%	at 60 °C	MPa	2.8
Constrained compressive creep	at 20 MPa & 75 °C	%	0.5
Uniaxial tensile strength	at 21 °C	MPa	7.5
Uniaxial tensile elongation at yield	at 21 °C	%	6
Uniaxial tensile elongation at break	at 21 °C	%	25
Bulk modulus	at 21 °C	MPa	850
Service temperature (max.)		°C	90
Thermal conductivity	at 21 °C	W/mK	0.15
Specific heat		J/kgK	2180
Coefficient of thermal expansion		1/K	150 · 10 ⁻⁶

Trelleborg Emerson & Cuming, Inc.

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TRELLEBORG

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